

Application Serial No. 10/655,632

Attorney Docket No. 80116

AMENDMENT TO THE SPECIFICATION

Please replace the Title of the Invention on page 1, line 3 as follows:

ACOUSTIC REMOTE CAVITATION CAVITATION AS A DESTRUCTION DEVICE

Please replace the paragraph on page 4, lines 22-27, with the following amended paragraph:

It should be understood that the present invention would in fact enhance the functionality of the above patents by providing an array of intersecting acoustic ~~beamforms~~ beams in free water space, the acoustic ~~beamforms~~ beams being generated at a frequency and range to create a destructive cavitation field around an undesirable remote target.

Please replace the paragraph on page 5, lines 7-9, with the following amended paragraph:

Still another object of this invention is to provide an acoustic remote cavitation weapon by generating an array of intersecting acoustic ~~beamforms~~ beams.

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Please replace the paragraph on page 5, lines 10-13, with the following amended paragraph:

A still further object of the invention is to provide an acoustic remote cavitation weapon deriving power from an underwater support vessel and generating an array of intersecting acoustic ~~beamforms~~ beams at a long range.

Please replace the paragraph on page 5, lines 17-26, with the following amended paragraph:

In accordance with one aspect of this invention, there is provided a method of generating a predetermined field of cavitation around a remote target in an underwater environment. The method includes the steps of identifying a remote target location, generating at least two acoustic ~~beamforms~~ beams, each at a peak power output, from an underwater energy source, and controlling the generated acoustic ~~beamforms~~ beams to intersect with each other at the remote target location and thereby create a destructive cavitation field at the intersection of the ~~beamforms~~ beams.

Please replace the paragraph on page 9, lines 7-16, with the following amended paragraph:

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There are several advantages to the present invention including a lack of environmentally detrimental residues that will be generated. Further, ~~beam-forming~~ beamforming greatly reduces response time so that more objects can be removed in a given time. Also, the present invention reduces cost per object removed. This concept also enables all sonar to be used as a device to remove undesirable objects. Furthermore, without any explosives and the increased standoff distance from the device, the operating platform of the underwater vessel 20 with the sonar array 10 will not suffer any damage.